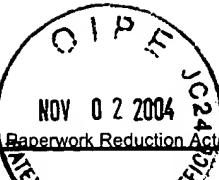


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Approved for use through 07/31/2006. OMB 0651-0031  
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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<b>ATTENTION OFFICE:</b> <b>EXAMINER:</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">Application Number</td> <td>09/888,882</td> </tr> <tr> <td>Filing Date</td> <td>June 25, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Mesecher et al.</td> </tr> <tr> <td>Art Unit</td> <td>2686</td> </tr> <tr> <td>Examiner Name</td> <td>Nghi H. Ly</td> </tr> <tr> <td>Total Number of Pages in This Submission</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>I-2-0105.1US</td> </tr> </table>	Application Number	09/888,882	Filing Date	June 25, 2001	First Named Inventor	Mesecher et al.	Art Unit	2686	Examiner Name	Nghi H. Ly	Total Number of Pages in This Submission		Attorney Docket Number	I-2-0105.1US
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Total Number of Pages in This Submission															
Attorney Docket Number	I-2-0105.1US														

<b>ENCLOSURES (Check all that apply)</b>		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>Form PTO-1449 w/ copies of cited references</b>
Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Anthony L. Venezia Volpe and Koenig, P.C.	Reg. No. 48,382
Signature		
Date	October 29, 2004	

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Anthony L. Venezia	
Signature		Date
	October 29, 2004	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Mesecher et al.

**Application No.:** 09/888,882

Our File: I-2-0105.1US

**Confirmation No.:** 1182

Date: October 29, 2004

**Filed:** June 25, 2001

**For:** ADAPTIVE CANCELLATION OF FIXED  
INTERFERERS

Group: 2686

Examiner: Nghi H. Ly

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
INCLUDING RULE 1.704(d) STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. Newly cited documents are indicated by an asterisk (\*).

Pursuant to amended 37 C.F.R. §1.98(a)(2)(i), copies of the newly cited U.S. patent documents have not been included. All other newly cited documents have been included.

Per Rule 1.704(d), the undersigned certifies that each newly cited item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and

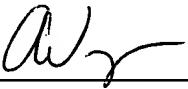
**Applicant: Mesecher et al.**  
**Application No.: 09/888,882**

that this communication was not received by any individual designated in §1.56(c) more than thirty (30) days prior to the filing of the supplemental information disclosure statement.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his/her consideration of the cited materials.

Respectfully submitted,

Mesecher et al.

By   
Anthony L. Venezia  
Registration No. 48,382  
(215) 568-6400

Volpe and Koenig, P.C.  
United Plaza, Suite 1600  
30 South 17th Street  
Philadelphia, PA 19103

ALV/ks  
Enclosures (6)



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			ATTY. DOCKET NO. I-2-0105.1US		SERIAL NO. 09/888,882		
			APPLICANT Mesecher et al.				
			FILING DATE June 25, 2001		GROUP 2686		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,644,359	02/1987	Katagi et al.			
*		5,493,307	02/1996	Tsujimoto			
		5,694,134	12/1997	Barnes			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
		0684660	11/95	EP			YES
		3223598	05/1991	DE			NO
*		S48-8437	06/1971	JP			X**
*		S58-101508	06/1983	JP			X**
*		S58-103205	06/1983	JP			X**
*		S58-164301	09/1983	JP			X**
*		H7-245519	09/1995	JP			X**
		7321535	12/1995	JP			
*		H9-135119	05/1997	JP			X**
*		97/02714	01/1997	WO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							

\*\* Abstract Only

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.